

PI 550571. *Zea mays* L. subsp. *mays* POACEAE Corn

Donated by: Cross, H. Z., North Dakota State University, 329 Walster Hall, Fargo, North Dakota, United States. Received 1986.

origin: United States. **origin institute:** North Dakota Agr. Exp. Sta., North Dakota State University, Fargo, North Dakota 58105. **cultivar:** ND259. **pedigree:** Selected from AS-D by selfing for 8 generations and selecting for desirable plant and ear traits. **other id:** PL-77. **source:** Crop Sci. 27(2):375 1987. **group:** CSR-MAIZE. **remarks:** Plants medium tall. Ear placement at midplant. Leaves long, moderately wide. Tassels medium large. Ears long, wide with 14-18 rows of yellow dent kernels. Maturity is AES200. Intermediate resistance to common rust (*Puccinia sorghi*). Produces hybrids with high yield, low grain moisture at harvest, and good lodging resistance. Annual. Breeding Material. Seed.

PI 550572 to 550573. *Zea mays* L. subsp. *mays* POACEAE Corn

Donated by: Cross, H. Z., North Dakota State University, 329 Walster Hall, Fargo, North Dakota, United States. Received 1986.

PI 550572 **origin:** United States. **origin institute:** North Dakota Agr. Exp. Sta., North Dakota State University, Fargo, North Dakota 58105. **cultivar:** NDSBF. **pedigree:** Developed by 1 cycle of full-sib family selection among 78 full-sib families between NDSB(FS)C1 and NDSF(FS)C1. **other id:** GP-151. **source:** Crop Sci. 27(2):368 1987. **group:** CSR-MAIZE. **remarks:** Plant slightly taller than NDSB. Similar in plant and ear height to NDSF. Improved grain yield, test weight, ear moisture, and root lodging resistance than NDSB. Yellow dent endosperm. Maturity is AES100. Annual. Breeding Material. Seed.

PI 550573 **origin:** United States. **origin institute:** North Dakota Agr. Exp. Sta., North Dakota State University, Fargo, North Dakota 58105. **cultivar:** ND260. **pedigree:** Selected from NDSB after 8 generations of selfing and selection. **other id:** PL-78. **source:** Crop Sci. 27(2):375 1987. **group:** CSR-MAIZE. **remarks:** Plant medium tall. Ear placement below midplant. Tassels small. Leaves long, narrow. Ears with 10-14 rows of yellow dent kernels. Resistant to common rust (*Puccinia sorghi*). Intermediate resistance to first brood European corn borer (*Ostrinia nubilalis*). Maturity is AES200. Annual. Breeding Material. Seed.